

FIG. 2

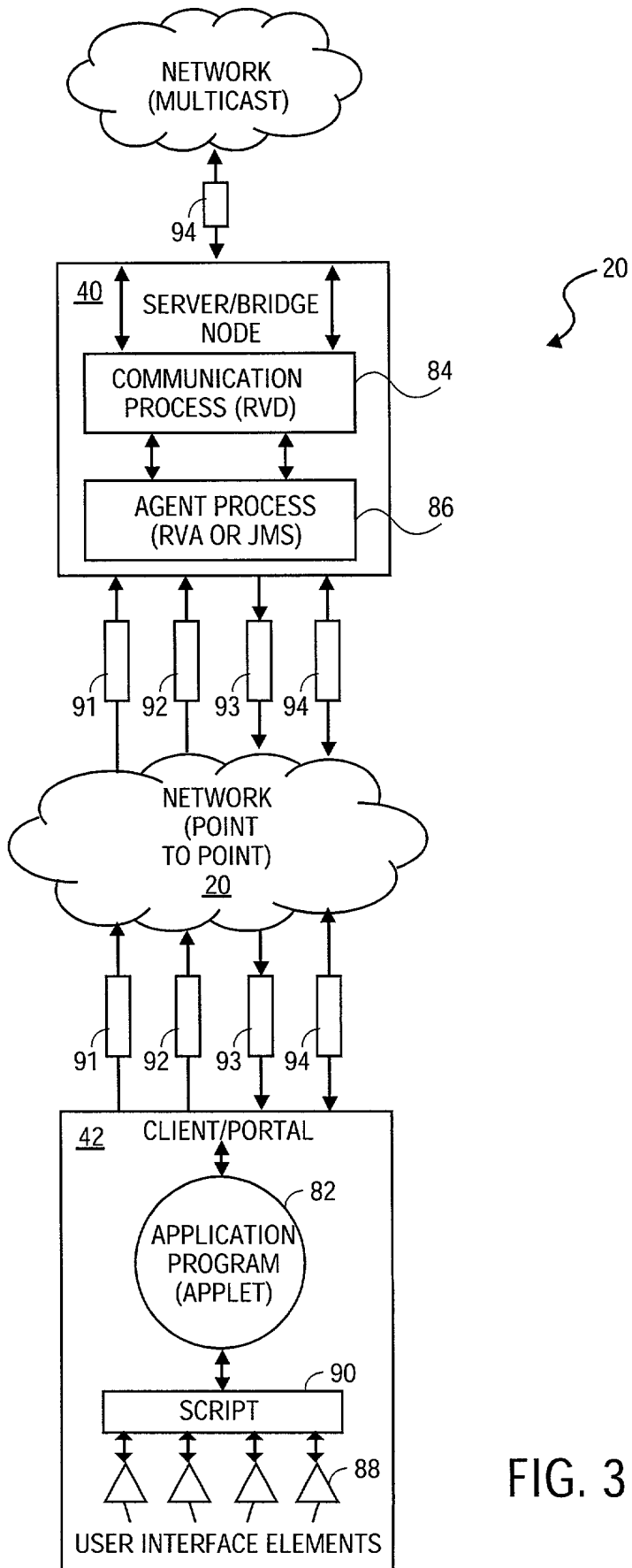


FIG. 3

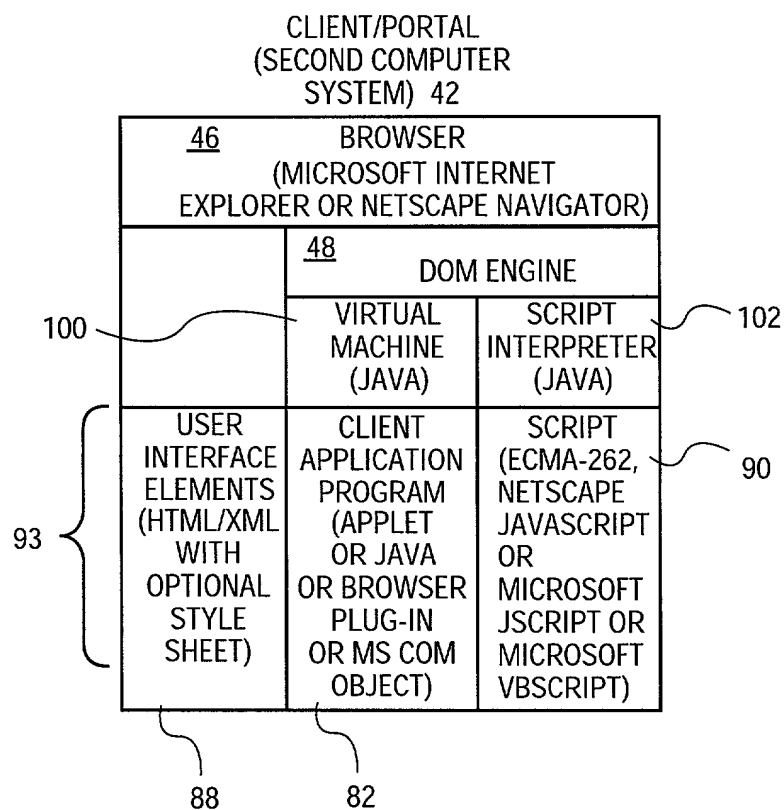


FIG. 4

PAGE BUILD
(CLIENT/PORTAL)
(SECOND COMPUTER SYSTEM)

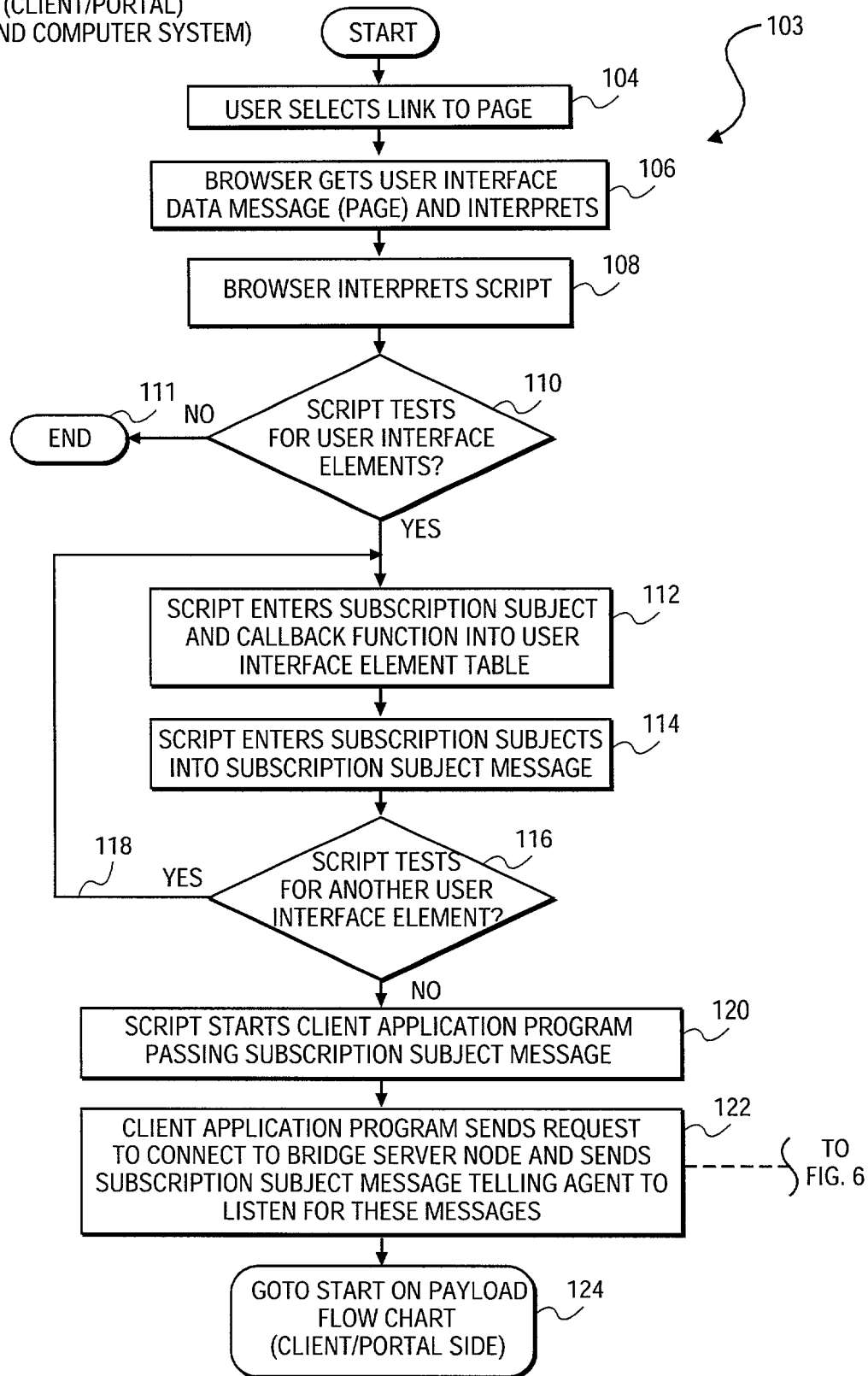


FIG. 5

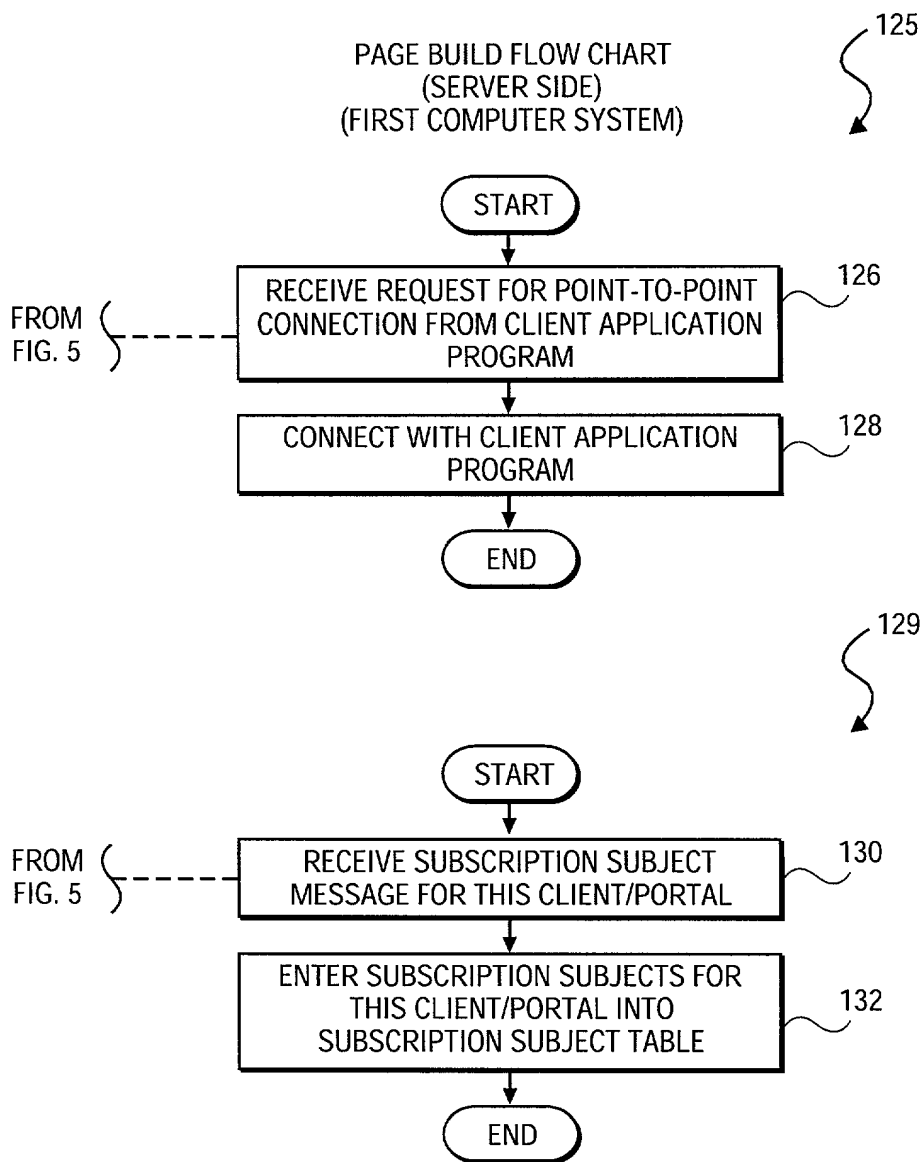
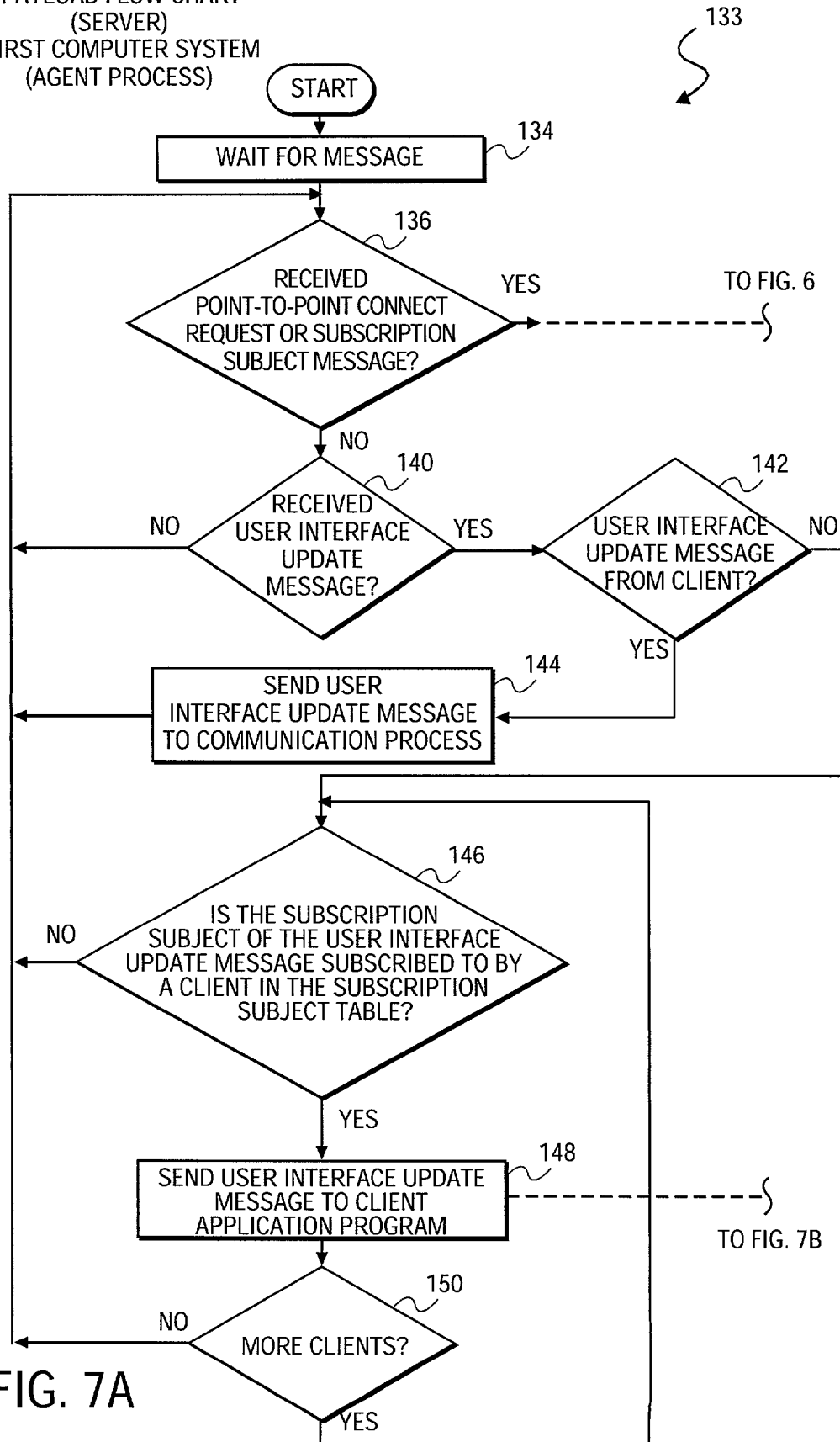


FIG. 6

PAYLOAD FLOW CHART
(SERVER)
(FIRST COMPUTER SYSTEM
(AGENT PROCESS))



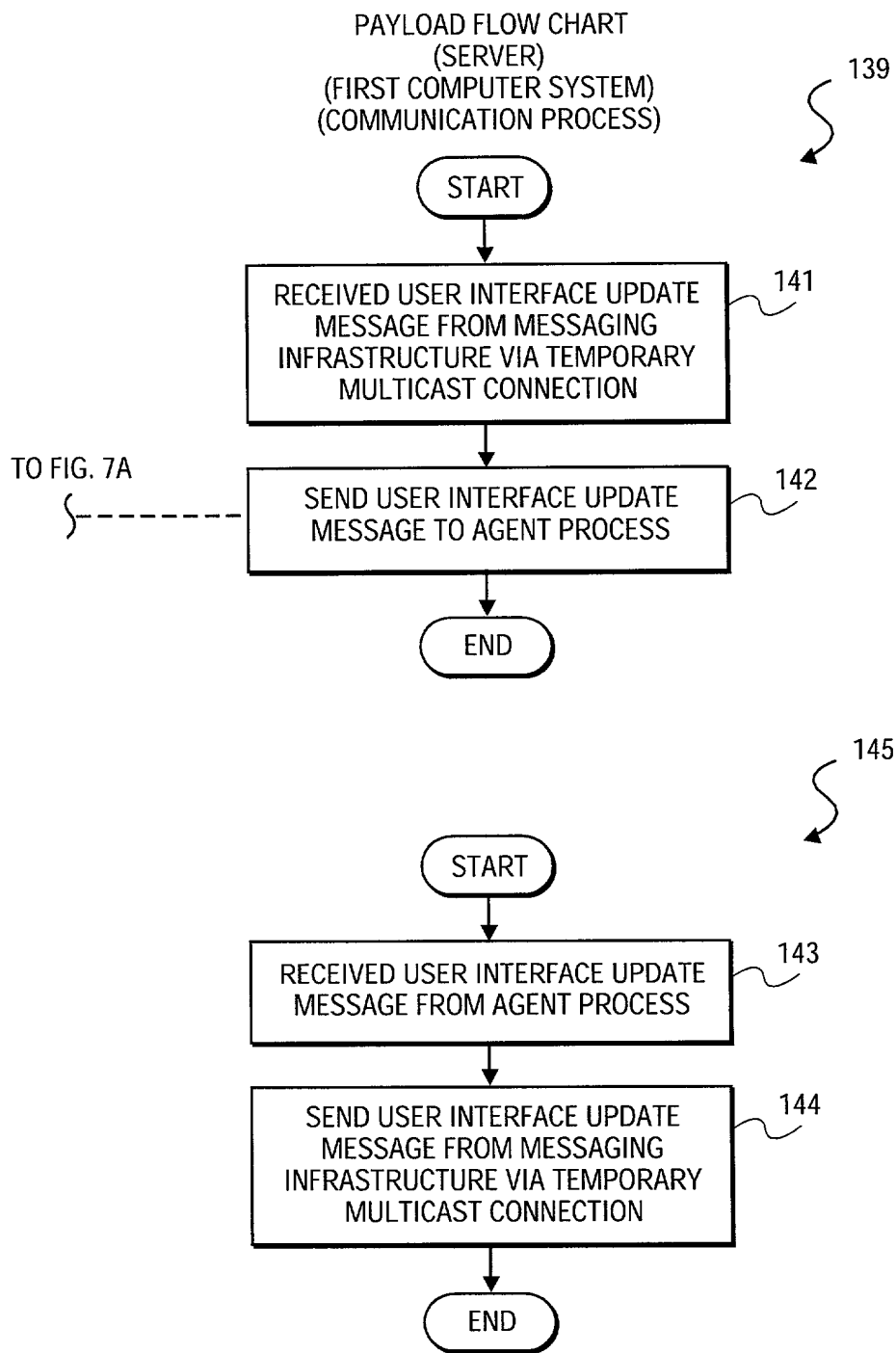
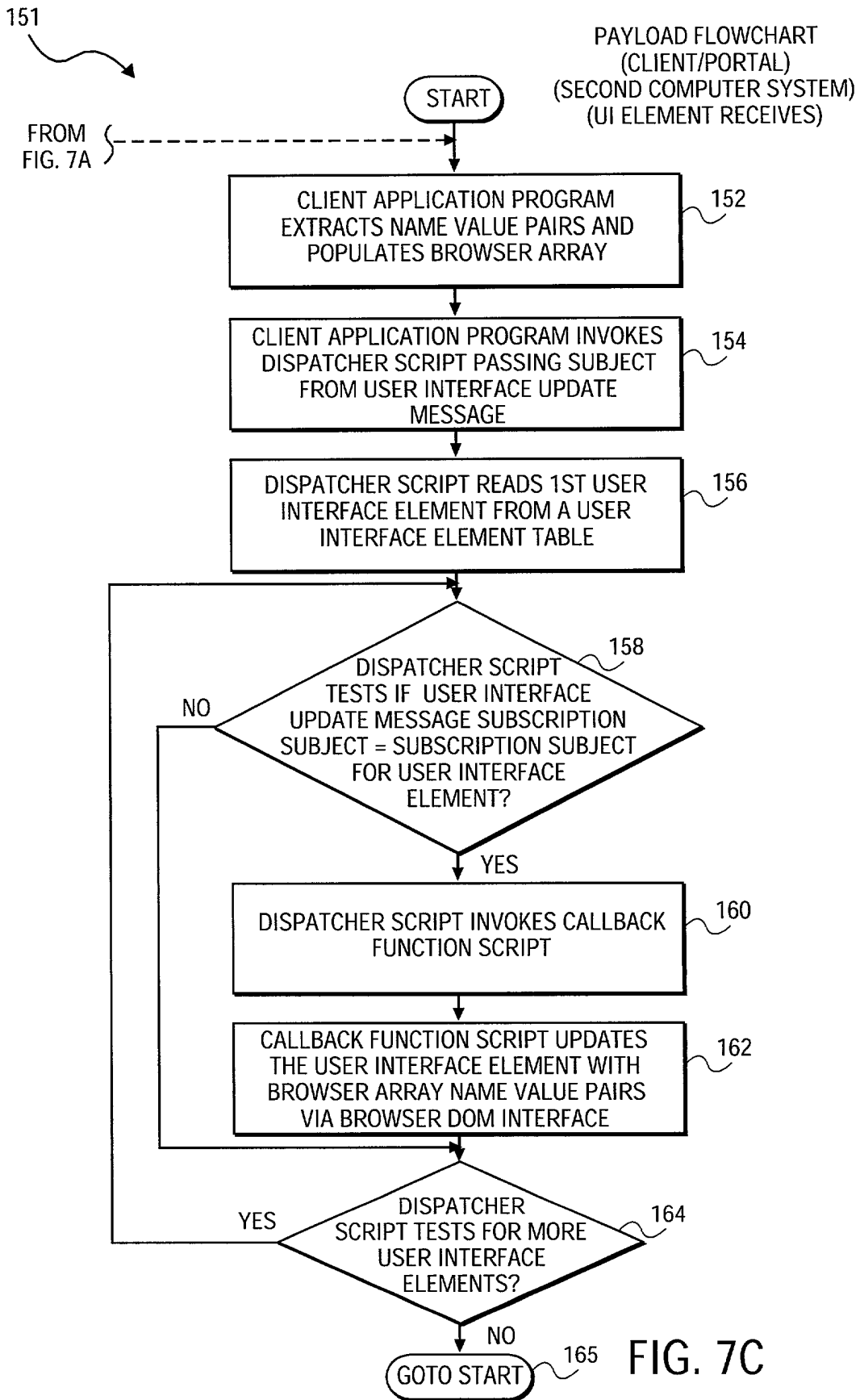


FIG. 7B



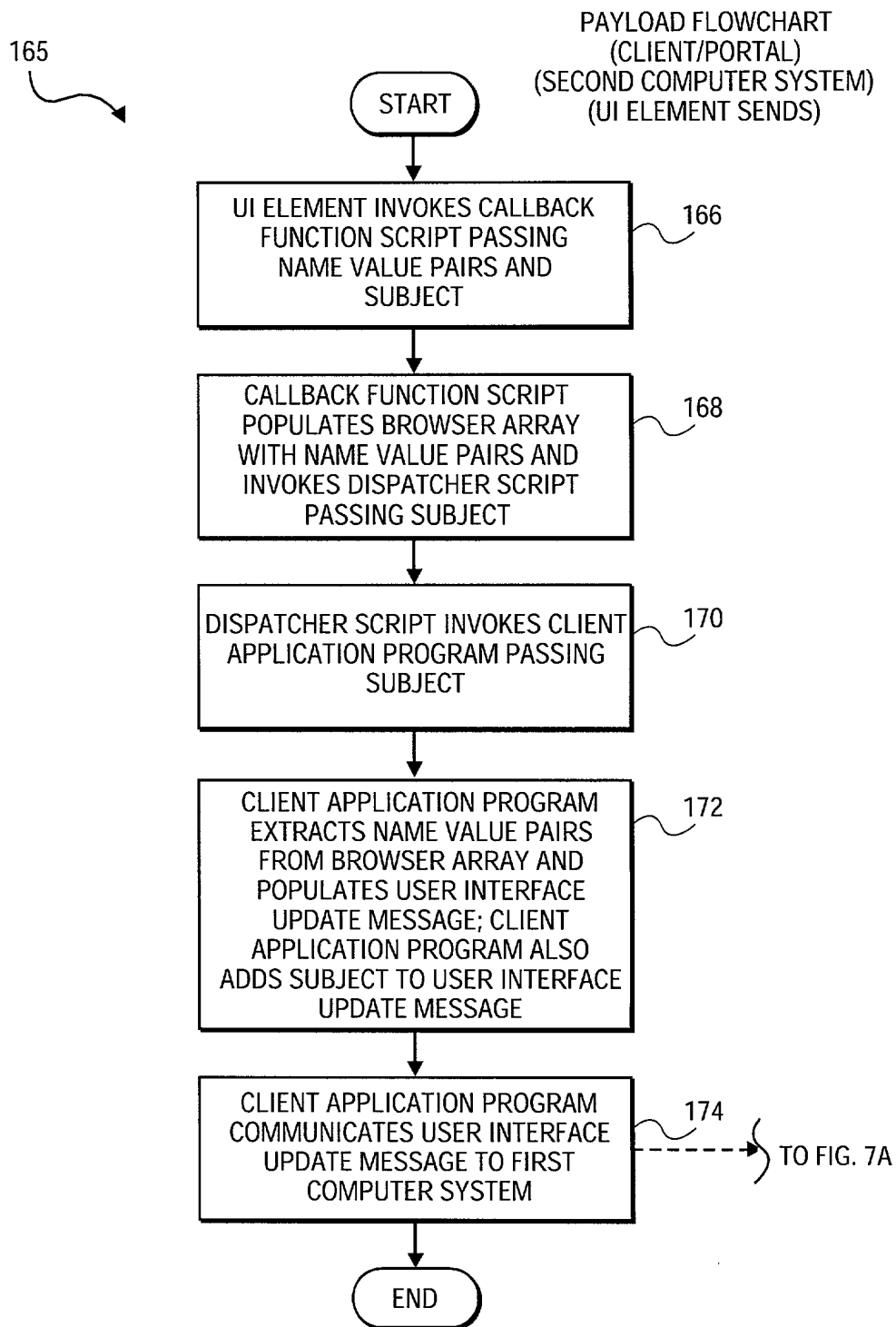


FIG. 7D

TABLE 1

USER INTERFACE ELEMENT TABLE
(CLIENT/PORTAL)
(SECOND COMPUTER SYSTEM) 176

PER USER INTERFACE ELEMENT	SUBSCRIPTION SUBJECTS	CALLBACK FUNCTION

FIG. 8

TABLE II

BROWSER ARRAY
(CLIENT/PORTAL)
(SECOND COMPUTER SYSTEM) ¹⁷⁷

NAME	VALUE

FIG. 9

TABLE III
(SERVER)
(FIRST COMPUTER
SYSTEM)

SUBSCRIPTION SUBJECT TABLE ¹⁷⁸

PER CLIENT/ PORTAL COMPUTER	SUBJECT 1	SUBJECT 2	• • •	SUBJECT N

FIG. 10

MESSAGE I

USER INTERFACE DATA MESSAGE ⁹³

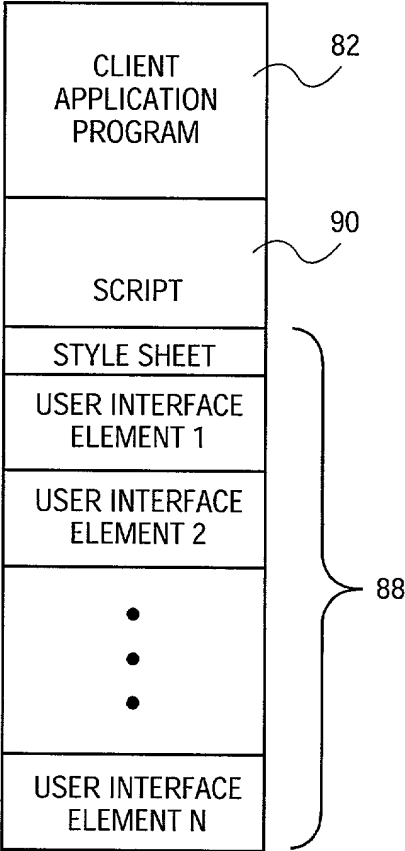


FIG. 11

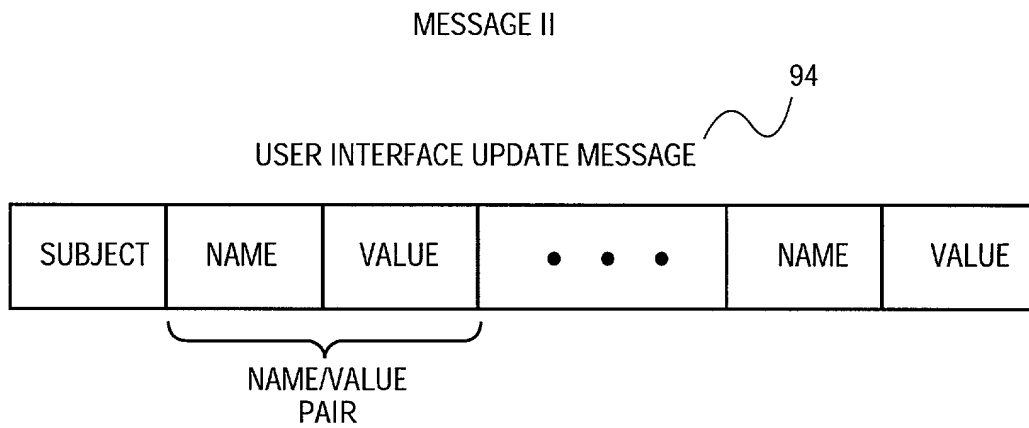
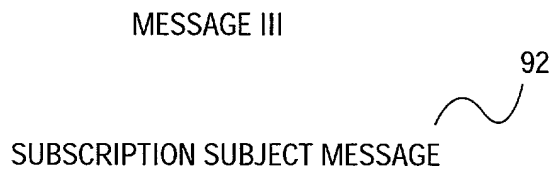


FIG. 12



SUBSCRIPTION
SUBJECT

FIG. 13

105219253001

180~

SPORTS HEADLINES

INPUT

182~Baseball News.....

184~Other Sports News.....

~181

185~

OUTPUT

186~Baseball News

Subject = news.sports.baseball

*Bobby Bonds hit his 71st
home run today as the
Giants beat the Reds in 10
innings at 3Com park.*

188~Other Sports News

Subject=news.sports.other

Tiger wins with 3 wood.

FIG. 14

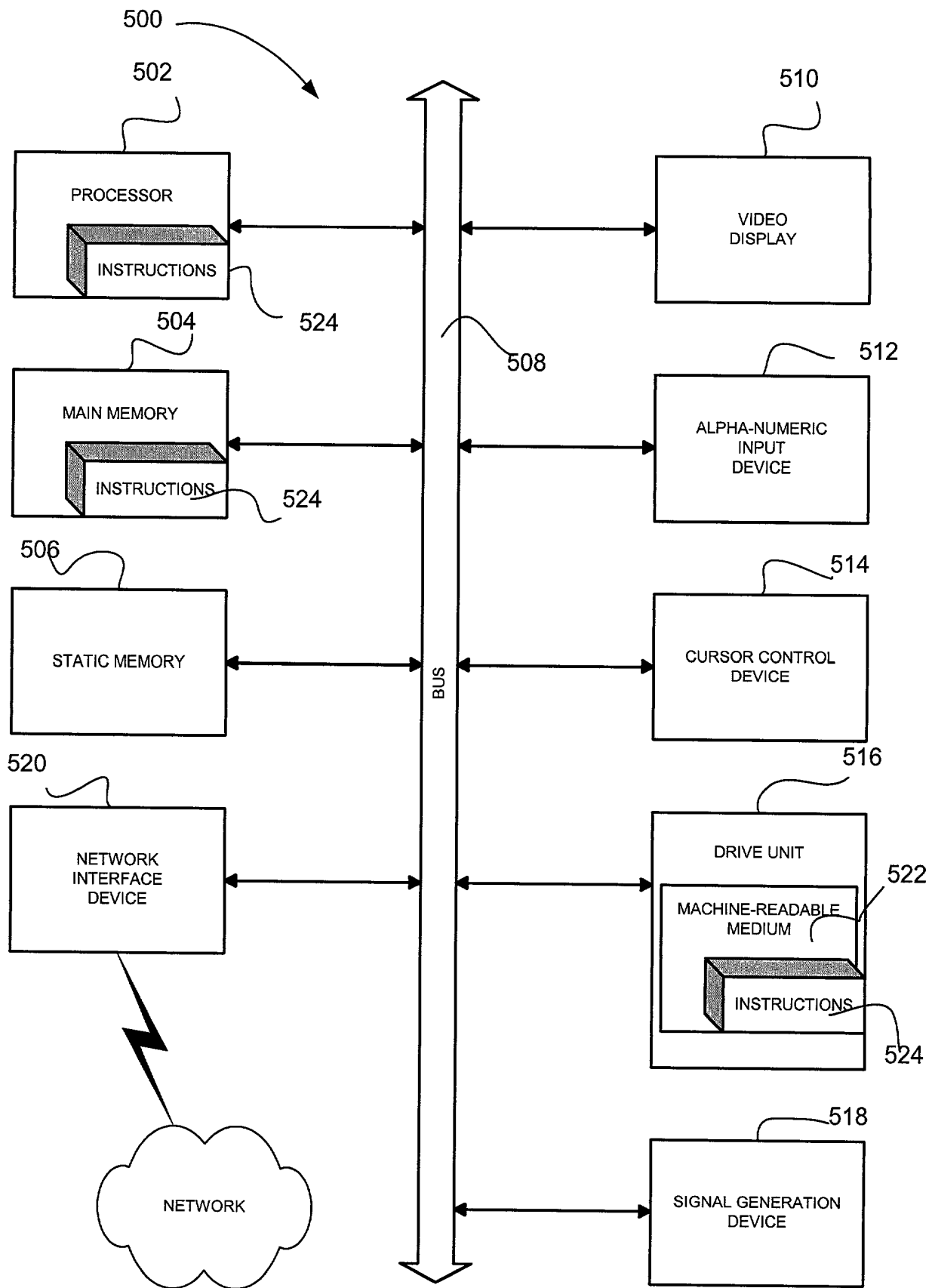


FIGURE 15